Customer Number 24498

			MMERCE PATENT AND TRADEMARK C	FFICE	ATTORNEY'S	DOCKET NUMBER							
TRANSMITTAL LETTER TO THE UNITED STATES PU020122													
ח		GNATED/ELECTED OFF		LIC ADDITOA	TION NO. (IF KNOWN, S	EF 37 CED							
ועו	COI	A FILING UNI	_	1511654									
		ATIONAL APPLICATION NO. 3/11001	INTERNATIONAL FII 11-APR-2003 (11.04.20		PRIORITY DA 17.04.2002	ATE CLAIMED							
TITI	TITLE OF INVENTION												
PAC	KET	ERROR SIGNAL GENERATOR											
		ANT(S) FOR DO/EO/US											
BOU	JILLE	ET Aaron Reel, MAYER Matthew Tho	mas										
App	Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:												
1.	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.												
2.		This is a SECOND or SUBSEQUEN	I submission of items concerning a	filing under 35 U.S.	.C. 371.								
3.	⊠ (This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.											
4.	×	The US has been elected by the expiration of 19 months from the priority date (Article 31).											
5.	☒	A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) a. is attached hereto (required only if not communicated by the International Bureau).											
		b. 🛮 has been communicated by	the International Bureau.										
		c. is not required, as the appli	cation was filed in the United States	Receiving Office (RO/US).								
6.		An English language translation of the a. is attached hereto.	International Application as filed (: ted under 35 U.S.C. 154(d)(4).	35 U.S.C. 371(c)(2)).								
7.	⊠	Amendments to the claims of the Inter		icle 19 (35 II S.C. 3	371 (c)(3)) ·								
<i>'</i> .		a. are attached hereto (require	ed only if not communicated by the	International Bureau	1).								
		b. have been communicated become have not been made; howe	y the International Bureau. ver. the time limit for making such a	mendments has NC	T expired.								
	_	c. have not been made; however, the time limit for making such amendments has NOT expired. d. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).											
8. 9.		An oath or declaration of the inventor	(s) (35 U.S.C. 371 (c)(4)).										
10.		An English language translation of the	annexes to the International Prelim	inary Examination	Report under PC	T							
11.		Article 36 (35 U.S.C. 371 (c)(5)). A copy of the International Preliminar	y Examination Report (PCT/IPEA/4	09).			4.5						
12.	\boxtimes	A copy of the International Search Re	port (PCT/ISA/210).				1						
	ıs 13 ı	to 20 below concern document(s) or i	nformation included:	•			J.						
13. 14.	X X	An Information Disclosure Statement An assignment document for recordin	under 37 CFR 1.97 and 1.98. g. A separate cover sheet in complia	nce with 37 CFR 3.	28 and 3.31 is in	cluded.							
15.	\boxtimes	A FIRST preliminary amendment. A SECOND or SUBSEQUENT preli											
16. 17.		A substitute specification.	•										
18.		A change of power of attorney and/or A computer-readable form of the sequ	address letter.	Pule 13ter 2 and 3	5 II S C 1 821 -	1 825							
19. 20.		A second copy of the published intern	ational application under 35 U.S.C.	154(d)(4).									
21. 22.		A second copy of the English languag Certificate of Mailing by Express Mai		lication under 35 U	.S.C. 154(d)(4).	21.	111						
	_	Other items or information:				1							
		Return Postcard Receipt EXPRESS MAIL NO:	EV 425039167 US	DATE OF I	DEPOSIT:	OCTOBER 18, 2004							
							(4.1)						
					_								
					•								
					~								

Customer Number 24498

24. The f	A A	VN, SEE 37 CFR 5.4	INTERNATIONAL APPLIC PCT US03/11001	ATION NO.	ATTORNEY'S DOCKET NUMBER PU020122						
	ollowing fees are s			CALCULATIONS PTO	USE ONLY						
	AL FEE (37 CFR										
Neither international preliminary examination fee (37 CFR 1.482) nor											
interna	tional search fee (3										
and International Search Report not prepared by the EPO or JPO \$1,110.00											
International preliminary examination fee (37 CFR 1.482) not paid to											
USPTO but International Search Report prepared by the EPO or JPO \$950.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO											
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO											
International preliminary examination fee (37 CFR 1.482) paid to USPTO											
but all claims did not satisfy provisions of PCT Article 33(1)-(4)											
☐ Interna	ational preliminary										
and all	claims satisfied pro										
	ENTER A	PPROPRIATE BASIC FEI	E AMOUNT =.		790.00						
Surcharge of \$130	0.00 for furnishing t										
earliest claimed pr	riority date (37 CFF	R 1.492 (e)).									
CLA	IMS	NUMBER FILED	NUMBER EXTRA	RATE							
					10.00						
Total claims		21- 20 =	1	X \$18.00	18.00						
Independent clai	ms	3-3=	0	X \$88.00							
	ent Claims (check			П							
мипріе Берепа	ent Claims (check		BOVE CALCULATION		909 00						
		808.00									
LApplicant clain reduced by 1/2		ss. See 37 CFR 1.27. The fees	indicated above are								
reduced by 1/2	2.		SUBTOT	AT -	808.00						
- · · · · ·	6470.00 £ £ 11			AL -	000.00						
	\$130.00 for furnish late (37 CFR 1.492		er thanmonths from the earliest	□ 20 □ 30		-					
claimed priority d	ate (57 Cl K 1.472	(1)).		0.20							
				+							
		TOTAL	L NATIONAL FEE =	·	808.00						
For for recording	the analogad accion	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an									
					40.00						
		ment (37 CFR 1.21(h)). The a B, 3.31) (check if applicable).		by an	40.00						
		3, 3.31) (check if applicable).									
					848.00						
		3, 3.31) (check if applicable).			848.00 Amount to						
		3, 3.31) (check if applicable).			848.00 Amount to be:refunded	848.00					
		3, 3.31) (check if applicable).			848.00 Amount to	848.00					
appropriate cover		3, 3.31) (check if applicable). TOTAL FEES I	ENCLOSED =		848.00 Amount to be:refunded charged	848.00					
appropriate cover	sheet (37 CFR 3.28	3, 3.31) (check if applicable). TOTAL FEES I	ENCLOSED =	⊠	848.00 Amount to be:refunded charged	848.00					
appropriate cover a. □ b. ⊠	sheet (37 CFR 3.28	TOTAL FEES F	ENCLOSED =	he above fees is enclos	848.00 Amount to be:refunded charged						
appropriate cover a. □ b. ⊠	sheet (37 CFR 3.28 A check in the amo	TOTAL FEES F ount of eposit Account No.	ENCLOSED =	he above fees is enclos	848.00 Amount to be:refunded charged						
appropriate cover a. □ b. ⊠	A check in the ame	TOTAL FEES F Dount of Eposit Account No. f this sheet is enclosed.	to cover to 07-0832 in the amo	the above fees is enclos	848.00 Amount to be:refunded charged ed.						
a. □ b. ⊠	A check in the ame	TOTAL FEES F TOTAL FEES F Dount of Peposit Account No. If this sheet is enclosed. It is hereby authorized to charge	to cover the orange any additional fees which may	the above fees is enclos unt of \$848.00 be required, or credit a	848.00 Amount to be:refunded charged ed.						
a. □ b. ⊠	A check in the ame	TOTAL FEES F TOTAL FEES F Dount of Peposit Account No. If this sheet is enclosed. It is hereby authorized to charge	to cover to 07-0832 in the amo	the above fees is enclos unt of \$848.00 be required, or credit a	848.00 Amount to be:refunded charged ed.						
a. □ b. ⊠	A check in the ame Please charge my D A duplicate copy of The Commissioner to Deposit Account	TOTAL FEES F count of reposit Account No. of this sheet is enclosed. is hereby authorized to charge No. 07-0832	to cover the total control of	the above fees is enclosed.	848.00 Amount to be:refunded charged ed. to cover the above my overpayment						
a. □ b. ⊠	A check in the ame Please charge my D A duplicate copy of The Commissioner to Deposit Account	TOTAL FEES F TOTAL FEES F Dount of Deposit Account No. If this sheet is enclosed. Is hereby authorized to charge No. 07-0832 The property of the control of the cont	to cover the total description of this series and additional fees which may A duplicate copy of this series form materials and the series are series are series are series and the series are se	the above fees is enclose unt of \$848.00 be required, or credit a heet is enclosed.	848.00 Amount to be:refunded charged ed. to cover the above my overpayment						
a. □ b. ⊠	A check in the ame Please charge my D A duplicate copy of The Commissioner to Deposit Account	TOTAL FEES F TOTAL FEES F Dount of Deposit Account No. If this sheet is enclosed. Is hereby authorized to charge No. 07-0832 The property of the control of the cont	to cover the total control of	the above fees is enclose unt of \$848.00 be required, or credit a heet is enclosed.	848.00 Amount to be:refunded charged ed. to cover the above my overpayment						
a. □ b. ⊠ c. ⊠	A check in the ame Please charge my D A duplicate copy o The Commissioner to Deposit Account	TOTAL FEES I TOTAL FEES I Dount of Deposit Account No. If this sheet is enclosed. Deposit hereby authorized to charge No. 07-0832 Deposit of the control	to cover the tocover the tocov	the above fees is enclos unt of \$848.00 be required, or credit a heet is enclosed. The property is the property of the proper	848.00 Amount to be:refunded charged ed. to cover the above my overpayment lit card a PTO-2038.	fees.					
a. □ b. ⊠ c. ⊠ d. □ NOTE: Where a	A check in the ame Please charge my D A duplicate copy o The Commissioner to Deposit Account	TOTAL FEES F TOTAL FEES F Dount of Deposit Account No. If this sheet is enclosed. Is hereby authorized to charge No07-0832 Ged to a credit card. WARNING not be included on this form The limit under 37 CFR 1.494 of	to cover the total description of this series and additional fees which may A duplicate copy of this series form materials and the series are series are series are series and the series are se	the above fees is enclos unt of \$848.00 be required, or credit a heet is enclosed. The property is the property of the proper	848.00 Amount to be:refunded charged ed. to cover the above my overpayment lit card a PTO-2038.	fees.					
a. □ b. ⋈ c. ⋈ NOTE: Where a granted to restor	A check in the ame Please charge my D A duplicate copy of The Commissioner to Deposit Account Fees are to be charge information should n appropriate time	TOTAL FEES F TOTAL FEES F Dount of Peposit Account No. If this sheet is enclosed. Is hereby authorized to charge No. 07-0832 Ged to a credit card. WARNING I not be included on this form the limit under 37 CFR 1.494 copending status.	to cover the tocover the tocov	the above fees is enclos unt of \$848.00 be required, or credit a heet is enclosed. The property is the property of the proper	848.00 Amount to be:refunded charged ed. to cover the above my overpayment lit card a PTO-2038.	fees.					
a. □ b. ⋈ c. ⋈ MOTE: Where a granted to restor SEND ALL COR Mr. Joseph S. T	A check in the ame Please charge my D A duplicate copy o The Commissioner to Deposit Account Fees are to be charg information should n appropriate time the application t RESPONDENCE	TOTAL FEES F TOTAL FEES F Dount of Peposit Account No. If this sheet is enclosed. Is hereby authorized to charge No. 07-0832 Ged to a credit card. WARNING I not be included on this form the limit under 37 CFR 1.494 copending status.	to cover the to co	the above fees is enclosed. See above fees is enclosed.	848.00 Amount to be:refunded charged ed. to cover the above my overpayment lit card a PTO-2038.	fees.					
a. □ b. ⋈ c. ⋈ NOTE: Where a granted to restor SEND ALL COR Mr. Joseph S. T Thomson Licen	A check in the ame A check in the ame Please charge my D A duplicate copy of The Commissioner to Deposit Account Fees are to be charge information should a propropriate time the application to RESPONDENCE or ripolicities in gine.	TOTAL FEES F TOTAL FEES F Dount of Peposit Account No. If this sheet is enclosed. Is hereby authorized to charge No. 07-0832 Ged to a credit card. WARNING I not be included on this form the limit under 37 CFR 1.494 copending status.	to cover the to co	the above fees is enclosed. Saunt of S	848.00 Amount to be:refunded charged ed. to cover the above my overpayment lit card a PTO-2038.	fees.					
a. □ b. ⊠ C. ☑ MOTE: Where a granted to restor SEND ALL COR Mr. Joseph S. T Thomson Licen Patent Departm	A check in the ame A check in the ame Please charge my D A duplicate copy of The Commissioner to Deposit Account Fees are to be charge information should a propropriate time the application to RESPONDENCE or ripolicities in gine.	TOTAL FEES F TOTAL FEES F Dount of Peposit Account No. If this sheet is enclosed. Is hereby authorized to charge No. 07-0832 Ged to a credit card. WARNING I not be included on this form the limit under 37 CFR 1.494 copending status.	to cover the to co	the above fees is enclosed. See a section of the s	848.00 Amount to be:refunded charged ed. to cover the above my overpayment lit card a PTO-2038.	fees.					
a. □ b. ⋈ c. ⋈ NOTE: Where a granted to restor SEND ALL COR Mr. Joseph S. T Thomson Licen	A check in the ame Please charge my D A duplicate copy of The Commissioner to Deposit Account Fees are to be charge information should n appropriate time the application to RESPONDENCE Tripolicities in the commission of the comm	TOTAL FEES F TOTAL FEES F Dount of Peposit Account No. If this sheet is enclosed. Is hereby authorized to charge No. 07-0832 Ged to a credit card. WARNING I not be included on this form the limit under 37 CFR 1.494 copending status.	to cover the to co	the above fees is enclose unt of \$848.00 be required, or credit a heet is enclosed. The second public. Credit and authorization of the second public is enclosed.	848.00 Amount to be:refunded charged ed. to cover the above my overpayment lit card a PTO-2038.	fees.					
a. □ b. ⊠ c. ⊠ d. □ NOTE: Where a granted to restor SEND ALL COR Mr. Joseph S. T Thomson Licen Patent Departm P.O. Box 5312	A check in the ame Please charge my D A duplicate copy of The Commissioner to Deposit Account Fees are to be charge information should n appropriate time the application to RESPONDENCE Tripolicities in the commission of the comm	TOTAL FEES F TOTAL FEES F Dount of Peposit Account No. If this sheet is enclosed. Is hereby authorized to charge No. 07-0832 Ged to a credit card. WARNING I not be included on this form the limit under 37 CFR 1.494 copending status.	to cover the cov	the above fees is enclose unt of \$848.00 be required, or credit a heet is enclosed. The second public. Credit and authorization of the second public is enclosed.	848.00 Amount to be:refunded charged ed. to cover the above my overpayment lit card a PTO-2038.	fees.					
a. □ b. ⊠ c. ⊠ d. □ NOTE: Where a granted to restor SEND ALL COR Mr. Joseph S. T Thomson Licen Patent Departm P.O. Box 5312	A check in the ame Please charge my D A duplicate copy of The Commissioner to Deposit Account Fees are to be charge information should n appropriate time the application to RESPONDENCE Tripolicities in the commission of the comm	TOTAL FEES F TOTAL FEES F Dount of Peposit Account No. If this sheet is enclosed. Is hereby authorized to charge No. 07-0832 Ged to a credit card. WARNING I not be included on this form the limit under 37 CFR 1.494 copending status.	to cover the cov	the above fees is enclosed. S848.00 be required, or credit a heet is enclosed. Ty become public. Credit and the is enclosed. What was a second public of the interview of th	848.00 Amount to be:refunded charged ed. to cover the above my overpayment lit card a PTO-2038.	fees.					
a. □ b. ⊠ c. ⊠ d. □ NOTE: Where a granted to restor SEND ALL COR Mr. Joseph S. T Thomson Licen Patent Departm P.O. Box 5312	A check in the ame Please charge my D A duplicate copy of The Commissioner to Deposit Account Fees are to be charge information should n appropriate time the application to RESPONDENCE Tripolicities in the commission of the comm	TOTAL FEES F TOTAL FEES F Dount of Peposit Account No. If this sheet is enclosed. Is hereby authorized to charge No. 07-0832 Ged to a credit card. WARNING I not be included on this form the limit under 37 CFR 1.494 copending status.	to cover the amore any additional fees which may A duplicate copy of this series. Provide credit card information on this form may a m. Provide credit card information or 1.495 has not been met, a per SIG RO NA 269 REG	the above fees is enclosed. S848.00 be required, or credit a heet is enclosed. Ty become public. Credit and the is enclosed. What was a second public of the interview of th	848.00 Amount to be:refunded charged ed. to cover the above my overpayment lit card a PTO-2038.	fees.					